

AMENDMENTS TO THE CLAIMS

- 1-10. (Cancelled).
11. (Currently Amended) A method of modifying the orientation of the axis of rotation of a planet comprising the steps of:
- measuring the mass of a planet;
 - determining the center of mass of the planet;
 - characterizing the orientation of the axis of rotation of the planet;
 - selecting a desired ~~character of rotation~~ orientation of the axis of rotation;
 - calculating a moment of stability required to cause the desired ~~character of rotation~~ orientation of the axis of rotation;
 - determining a position and a mass of compensating substance sufficient to effect the moment of stability; and
 - positioning the mass in the position.
12. The method of claim 11 in which the position of the compensating substance is positioned in an underground cavity.
13. The method of claim 11 in which the position of the compensating is positioned in an above ground cavity.
14. The method of claim 11 in which the substance is solid.
15. The method of claim 11 in which the substance is a liquid.
16. The method of claim 12 in which the substance is a liquid.
17. The method of claim 13 in which the substance is liquid.
18. The method of claim 15 in which the liquid is water.
19. The method of claim 16 in which the liquid is water.
20. The method of claim 17 in which the liquid is water.